REMARKS

Reconsideration and allowance of the subject application in view of the foregoing amendments and the following remarks is respectfully requested.

Claims 4, 5, 9, 10, 14, 15, 19 and 20 remain pending in the application. Claims 4 and 5 are amended as attached hereto. Claims 9, 14, and 19 are similarly amended as claim 4. Claims 10, 15 and 20 are similarly amended as claim 5.

Applicant appreciatively notes that the claims are indicated as allowable subject to some claim amendments. Applicant submits claims which are different from the Examiners version of the claim for the reasons submitted below.

With respect to claim 4, with respect to a phase difference recording means, Applicant agrees with the Examiner's proposed amendment and submits and explains amended claim 4 hereinafter. Please refer to page 25, lines 7-17 of the specification and Fig. 6.

A first synchronism pattern detecting timing is a timing 4. A second synchronism patter detecting timing is a timing 7 or 12. A time difference is 3 (= 7 – 4) or 8 (= 12 – 4). Referring to Fig. 6, at first, a timing for decision is the first synchronism pattern detecting timing 4. Therefore, deciding whether or not a reception data is consistent in phase with an expectation data is performed according to the timing for decision 4. A collation and synchronism decision means gives a decision for inconsistency in phase.

The timing for decision is a timing obtained by shifting the first synchronism pattern detecting timing 4 by the time difference 3, *i.e.*, the timing for decision is a timing 7. Therefore, deciding whether or not a reception data is consistent in phase with an expectation data is performed according to the timing for decision 7. The collation and synchronism decision means gives a decision for inconsistency in phase.

The timing for decision is a timing obtained by shifting the first synchronism pattern detecting timing 4 by the time difference 8, *i.e.*, the timing for decision is a timing 12. Therefore, deciding whether or not a reception data is consistent in phase with an expectation data is performed according to the timing for decision 12. The collation and synchronism decision means give a decision for inconsistency in phase.

With respect to claim 5, with respect to a phase difference recording means, Applicant basically agrees with the Examiner's proposed amendment. However, the words "a first synchronism pattern detecting timing" are replaced by the words "a previous synchronism pattern detecting timing". Furthermore, the words "a second synchronism pattern detecting timing" are replaced by the words "a current synchronism pattern detecting timing".

Amended claim 5 is explained hereinafter. Please refer to page 25, line 18 – page 26, line 1 of the specification and Fig. 6.

A previous synchronism pattern detecting timing is a timing 4. A current synchronism pattern detecting timing is a timing 7. A time difference is 3 (= 7 - 4). Referring to Fig. 6, deciding whether or not a reception data is consistent in phase with an expectation data is performed according to the previous synchronism pattern detecting timing 4. A collation and synchronism decision means gives a decision for inconsistency in phase. The previous synchronism pattern detecting timing 4 is shifted by the time difference 3, *i.e.*, the previous synchronism pattern detecting timing is 7.

A previous synchronism pattern detecting timing is the timing 7. A current synchronism pattern detecting timing is a timing 12. A time difference is 5 (= 12 – 7). Referring to Fig. 6, deciding whether or not a reception data is consistent with an expectation data is performed according to the previous synchronism pattern detecting timing 7. A collation and synchronism decision means gives a decision for inconsistency in phase. The previous synchronism pattern detecting timing 7 is shifted by the time difference 5, *i.e.*, the previous synchronism pattern detecting timing is 12.

A previous synchronism pattern detecting timing is the timing 12. Referring to Fig. 6, deciding whether or not a reception data is consistent in phase with an expectation data is performed according to the previous synchronism pattern detecting timing 12. A collation and synchronism decision means gives a decision for inconsistency in phase.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,

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